Brighter

Smart Profile 600 Pro



Manufacturer	**Brighter**
Type	**Profile spot**
DMX modes	**1**
DMX footprint	**37 channels**
Beam angle	**5-60°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**250 × 490 × 200 mm**
GDTF fixture type	**752100B1-EE5A-44B5-8C83-16…**

Controls

Focus · Frost · Iris · Prism · Prism rotation · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Movement speed · Animation wheel · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset

DMX modes

37Ch 37 ch

37Ch

37 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–127 Fast 128–254 Med 255–255 Slow
6	Dimmer	0	0–254 Closed 255–255 Open
7	Shutter / Strobe	255	0–3 Closed 4–49 Random · Min 1–12.4 Hz 50–98 Random · Mid 12.6–24.7 Hz 99–99 Random · Max 25 Hz 100–119 Pulse close · Min 1–10.3 Hz 120–148 Pulse close · Mid 10.8–24.5 Hz 149–149 Pulse close · Max 25 Hz 150–169 Pulse open · Min 1–10.3 Hz 170–198 Pulse open · Mid 10.8–24.5 Hz 199–199 Pulse open · Max 25 Hz 200–219 Strobe · Min 1–10.3 Hz 220–248 Strobe · Mid 10.8–24.5 Hz 249–249 Strobe · Max 25 Hz 250–255 Open
8	Color Wheel	0	0–5 White Positioning (wheel slot 1) 6–30 Red Positioning (wheel slot 2) 31–55 Green Positioning (wheel slot 3) 56–80 Blue Positioning (wheel slot 4) 81–105 Yellow Positioning (wheel slot 5) 106–127 CTO Positioning (wheel slot 6) 128–143 Red Indexing (wheel slot 2) 144–159 Green Indexing (wheel slot 3) 160–175 Blue Indexing (wheel slot 4) 176–191 Yellow Indexing (wheel slot 5) 192–255 CW S-F
9	Cyan	0	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
10	Magenta	0	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
11	Yellow	0	0–63 Min 64–127 25% 128–191 50% 192–254 75% 255–255 Max
12	C TO	0	
13	C RIMode	0	0–127 CRI Normal (wheel slot 1) 128–255 CRI 90+ (wheel slot 2)

37Ch (continued)

Ch	Function	Default	DMX values
14	Gobo	0	0–4 Open (wheel slot 1) 5–9 Gobo 1 (wheel slot 2) 10–14 Gobo 2 (wheel slot 3) 15–19 Gobo 3 (wheel slot 4) 20–24 Gobo 4 (wheel slot 5) 25–29 Gobo 5 (wheel slot 6) 30–34 Gobo 6 (wheel slot 7) 35–39 Gobo 7 (wheel slot 8) 40–44 Gobo 8 (wheel slot 9) 45–49 Gobo 9 (wheel slot 10) 50–54 Gobo 10 (wheel slot 11) 55–59 Gobo 11 (wheel slot 12) 60–64 Gobo 11 Shake (wheel slot 12) 65–74 Gobo 10 Shake (wheel slot 11) 75–84 Gobo 9 Shake (wheel slot 10) 85–94 Gobo 8 Shake (wheel slot 9) 95–104 Gobo 7 Shake (wheel slot 8) 105–114 Gobo 6 Shake (wheel slot 7) 115–124 Gobo 5 Shake (wheel slot 6) 125–134 Gobo 4 Shake (wheel slot 5) 135–144 Gobo 3 Shake (wheel slot 4) 145–154 Gobo 2 Shake (wheel slot 3) 155–164 Gobo 1 Shake (wheel slot 2) 165–218 CW fast to slow 219–221 Stop 222–255 CCW slow to fast
15	Gobo 2	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–79 Gobo 7 (wheel slot 8) 80–89 Gobo 7 Shake (wheel slot 8) 90–99 Gobo 6 Shake (wheel slot 7) 100–109 Gobo 5 Shake (wheel slot 6) 110–119 Gobo 4 Shake (wheel slot 5) 120–129 Gobo 3 Shake (wheel slot 4) 130–139 Gobo 2 Shake (wheel slot 3) 140–149 Gobo 1 Shake (wheel slot 2) 150–205 CW fast to slow 206–209 Stop 210–255 CWW slow to fast
16	Gobo Rotation 2	0	0–127 Index 360 128–169 CW Fast 170–188 CW Med 189–190 CW Slow 191–193 Stop 194–214 CCW Slow 215–254 CCW Med 255–255 CCW Fast
17	Animation Wheel1	0	0–9 Open (wheel slot 1) 10–255 Proportional indexing (wheel slot 2)
18	Animation Wheel1Pos	128	0–0 Stop 1–127 CW fast to slow 128–128 Stop 129–255 CCW slow to fast
19	Prism	0	0–127 Pri Off (wheel slot 1) 128–255 Pri On (wheel slot 2)

37Ch (continued)

Ch	Function	Default	DMX values
20	Prism Rotation	192	0–127 Index 128–169 CW Fast 170–189 CW Med 190–191 CW Slow 192–193 Stop 194–214 CCW Slow 215–254 CCW Med 255–255 CCW Fast
21	Frost1	0	0–127 Off 128–254 Mid 255–255 Max
22	Frost2	0	0–127 Off 128–254 Mid 255–255 Max
23	Zoom	128	0–127 Narrow 128–254 Mid 255–255 Wide
24	Focus	0	
25	Focus Fine	0	Fine byte of Focus
26	No Feature	0	
27	Blade1B	0	
28	Blade1A	0	
29	Blade3B	0	
30	Blade3A	0	
31	Blade4A	0	
32	Blade4B	0	
33	Blade2A	0	
34	Blade2B	0	
35	Shaper Rot	128	
36	Iris	0	0–189 Open 190–190 Closed 191–255 Slow to fast
37	Control1	0	0–66 Menu Set 67–71 Fan Auto 72–76 Fan Silent 77–81 Fan Full 82–200 NoFeature 201–215 Beam Reset 216–230 P/T Reset 231–245 Overall reset 246–255 NoFeature 1